FY 01 CALENDAR (OCTOBER 2000 - SEPTEMBER 2001) KIM EARNSHAW, COORDINATOR 757-1009

ENGINEERING &	COST				C	OURSE	DATES A	AND COU	RSE CODE	ES			
SCIENCES		OCT	NOV	DEC	JAN	FEB	MAR	APR	MAY	JUN	JUL	AUG	SEP
		00	00	00	01	01	01	01	01	01	01	01	01
Airborne Systems Test and	\$5690		06-20						07-18				
Evaluation			487241						487242				
Airplane Design	\$1700				08-12 486587								
Airworthiness Training	\$175	26 484512			25 484513			26 484515			26 484517		
Basic Acoustics	\$800									04-05 486569			
Basic Sonar and Underwater Acoustics I	\$800		28-29 488779										
Basic Sonar and Underwater Acoustics II	\$800		30 Nov- 488										
Calculus Refresher	\$800		06-07 486579	100							09-10 486581		
Class Desk Orientation	None		27-30 483619				26-29 483620				23-26 483621		
Corrosion of Aging Aircraft	\$1700			11-14 488703									
Crewstation Analysis	\$760			04-08 486871						18-22 486872			
Differential Equations Refresher	\$800		08-09 486576										
Digital Avionics Systems	\$1635									25-29 491108			
Digital Flight Control Systems: Analysis and Design	\$1350									11-15 486586			
EMI/EMC Test Techniques & Theory	\$1395						05-09 488227						
Flight Test Principles and Practices	\$1425						05-09 486585						
GPS Short Course	TBD	To be Det	ermined	II.	1	·I	l .			I			
Infrared Imaging Systems: An Intro	\$890					26-27 488226							
Intellectual Property & Technology Transfer	None	12 487926				01 487927			03 487928			02 487929	
Intro to Airplane Flying Qualities	\$4340		27 Nov- 487				09-20 487244						
Intro to Flight Test	\$4450						05-16 487245						10-21 487246

ENGINEERING &	COURSE DATES AND COURSE CODES												
SCIENCES (Contd)		OCT 00	NOV 00	DEC 00	JAN 01	FEB 01	MAR 01	APR 01	MAY 01	JUN 01	JUL 01	AUG 01	SEP 01
Linear Algebra Refresher	\$800									06-07 488782			
Mathematica Tutorial Part I	\$800				03-04 488781								
Mathematica Tutorial Part II	\$800						01-02 488978						
MATLAB Fundamentals	\$1000				29-30 487655						30-31 487656		
MIL-STD 1553 Multiplex Bus	\$850		14-16 486663						01-03 486664				
MIL-STD 1773	\$150		17 486898						04 486899				
Partial Differential Equations Refresher	\$800			06-07 486571									
Simulink	\$1000					-01 Feb '657						01-02 487658	
Statistics and Probability Refresher	\$800			04-05 486574							11-12 486575		
Vibration Spectrum Analysis	\$1400				29 Jan 487	-01 Feb '221				25-28 487223			
Weibull/Log Normal Analysis Workshop	\$1100								r-03 May 8139				

COURSE TITLE:	AIRBORNE SYSTEMS TEST A	ND EVALUATION					
VENDOR:	United States Naval Test Pilot S	School					
LOCATION:	United States Naval Test Pilot S	School					
COURSE CODE:	DATE:	NOMINATION DEADLINE:					
487241	06-20 November 00	13 October 00					
487242	07-18 May 01	06 April 01					
TIME:	0800-1530						
DESCRIPTION:	Topics include:						
	?? Review of Report Writing						
	?? Review of the Research and	Evaluation Paragraph					
	?? Airborne Systems Basics an	d Flight Test Techniques					
	?? Radar Theory						
	?? Electro-Optical Theory						
	?? Navigation System Theor	ту					
	?? Software Test and Evalua	ation					
	?? Integrated Systems Testing						
	?? Test Design						
	?? Safety and Technical Rev	view					
	?? Flying the Test						
	?? Each student will conduct a radar, navigation and electro -						
	optical integrated systems flight on the Airborne Systems						
	Test and Research Support Airplane (ASTARS).						
	?? Analysis of Results						
	?? Data Presentation						
OBJECTIVE:	At the completion of this course, participants will:						
	?? Understand the theory of radar, navigation, and electro -						
	optical systems individually and as part of an integrated						
	system.						
	?? Design and execute an integ						
	?? Report on test results both o	rally and several written					
	formats.						
AUDIENCE:	Engineers and scientists involve	ed in the test and evaluation of					
NOMINATIONS	airborne systems.	diameter and a larger					
NOMINATIONS:	Nominations must be submitted through use of the Initial						
	· · · · · · · · · · · · · · · · · · ·	Training Request Form, NDW-NAWCAD 12410/28. The completed form, with appropriate signatures, is given to the					
	activity training contact. The tra						
	request to the Workforce Relation						
	via the Training Information Prod	•					
	45000 ('	occoming Cyclotti (Till C).					

COURSE TITLE:	AIRPLANE DESIGN			
VENDOR:	The University of Kansas			
	Continuing Education			
	12600 Quivira Road			
	Overland Park, KS 66213-2402			
LOCATION:	Patuxent River, MD			
COURSE CODE:	DATE:	NOMINATION DEADLINE:		
486587	08-12 January 01	03 November 00		
TIME:	0800-1530			
DESCRIPTION:	Overview of the process of airplane configuration design in view of civil and military airworthiness regulations and in response to a given mission specification. Considerations include: drag polar estimation, fundamentals of flight mechanics, sizing requirements, configuration layout design, weight and balance properties, landing gear, flight control systems, fuel systems, hydraulic systems, electrical systems, environmental control systems, cockpit systems, escape systems, and design-to-cost.			
AUDIENCE:	Aeronautical engineers, pilots with some engineering background, and engineering managers.			
NOMINATIONS:	Nominations must be submitted through use of the Initial Training Request Form, NDW-NAWCAD 12410/28. The completed form, with appropriate signatures, is given to the activity training contact/Customer Service Team. The training contact/CST forwards the request to the Workforce Relations and Development Division via the Training Information Processing System (TIPS). Contractors may attend on a space available basis.			
COST:	\$1700 per person			
METHOD OF	Vendor DOES NOT accept cred	it cards. EMPLOYEE must		
PAYMENT:	circle "R" in Block 22, under "Pa			
	Request Form.	_		

COURSE TITLE:	AIRWORTHINESS TRAINING				
VENDOR:	Airworthiness/Flight Clearance				
1	AIR – 4.3P				
	Patuxent River, MD 20670				
LOCATION:	Patuxent River, MD				
COURSE CODE:	DATE:	NOMINATION DEADLINE:			
484512	26 October 00	12 October 00			
484513	25 January 01	22 December 00			
484515	26 April 01	26 March 01			
484517	26 July 01	26 June 01			
TIME:	0800-1530	20 00110 01			
DESCRIPTION:	This course provides Project Of	ficers Project Managers			
DESCINII HON.	Project Engineers, and other pe	•			
	and a comprehensive understa				
	process. The course will define flight clearance requirements				
	and what a flight clearance can authorize. This course will also				
	explain the Naval Instruction that governs the Flight Clearance process: NAVAIRINST 13034.1A.				
OBJECTIVE:					
OBOLO IIVE:	At the completion of this course the participants should be able				
	to: ?? Understand Airworthiness policies and procedures.				
	?? Know when a flight clearance				
	?? Draft a flight clearance requ				
	?? Understand how to define da	•			
	?? Understand formal engineering airworthiness review process				
	and time requirements.				
	?? Know the standard seven part message format for requests				
	and flight clearances.	and a second sec			
AUDIENOE	?? Know the NAVAIR/flight clea				
AUDIENCE:	Officers, Engineers, Technician				
	required to review flight clearan	ces and flight clearance			
NOMINATIONS	requests.	I there was not the desired			
NOMINATIONS:	Nominations must be submitted	<u> </u>			
	Training Request Form, NDW-l				
	completed form, with appropria				
	activity training contact/Custom				
	contact/CST forwards the reque				
	and Development Division via the	le training information			
COST:	Processing System (TIPS). \$175				
I CO21:	しあ1/5				

COURSE TITLE:	BASIC ACOUSTICS			
VENDOR:	Alan D. Stuart			
	P.O. Box 393			
	Lemont, PA 16851			
LOCATION:	Employee Development Center,			
COURSE CODES:	DATES:	NOMINATION DEADLINES:		
486569	04-05 June 01	04 May 01		
TIME:	0800-1600			
DESCRIPTION:	This course provides an introductory overview of acoustics. Elements covered will include: acoustic waves in fluids and structures; plane and spherical waves; acoustic sensors and sources; wave and radiation impedance concepts; reference levels and dB scale; sound reflection, transmission, and refraction; Snell's law and coincident effect; sound radiation, source level and radiated power; directivit y of simple sound sources and receivers; and acoustics filters, Helmholtz resonators and ducts.			
OBJECTIVE:	Emphasis is placed on illustrating phenomena and principles through demonstrations and examples from common experience. Topics are presented with a minimum of mathematics.			
NOMINATIONS:	Nominations must be submitted through use of the Initial Training Request Form, NDW-NAWCAD 12410/28. The completed form, with appropriate signatures, is given to the activity training contact/Customer Service Team. The training contact/CST forwards the request to the Workforce Relations and Development Division via the Training Information Processing System (TIPS). Contractors may attend on a space available basis.			
COST:	\$800			
METHOD OF PAYMENT:	Vendor DOES NOT accept cred circle "R" in Block 22, under "Pa Request Form.			

COURSE TITLE:	BASIC SONAR & UNDERWATE	ER ACOUSTICS I				
VENDOR:	Alan D. Stuart					
	P.O. Box 393					
	Lemont, PA 16851					
LOCATION:	Employee Development Center,					
COURSE CODES:	DATES:	NOMINATION DEADLINES:				
488779	28-29 November 00	10 November 00				
TIME:	0800-1600					
DESCRIPTION:	This course provides an introductory overview of passive sonar and underwater acoustics. Topics include: acoustic waves in Sea Water, dB scales; sound velocity profiles; underwater sound propagation; cavitation threshold; ambient, self and rediated noise; octave and narrow band analysis; sonar transducers and arrays; passive sonar equation and signal processing; detection threshold concepts; figure of merit and range considerations; and other topics of interest to course participants.					
OBJECTIVE:	Emphasis is placed on illustrating phenomena and principles through demonstrations and examples from common experience. Topics are presented with a minimum of mathematics.					
AUDIENCE:	This course is intended for anyone with a desire to learn about sonar acoustics, or anyone in need of a refresher.					
NOMINATIONS:	Nominations must be submitted through use of the Initial Training Request Form, NDW-NAWCAD 12410/28. The completed form, with appropriate signatures, is given to the activity training contact/Customer Service Team. The training contact/CST forwards the request to the Workforce Relations and Development Division via the Training Information Processing System (TIPS). Contractors may attend on a space available basis.					
COST:	\$800					
METHOD OF PAYMENT:	Vendor DOES NOT accept cred circle "R" in Block 22, under "Pa Request Form.					

COURSE TITLE:	BASIC SONAR & UNDERWATE	R ACOUSTICS II		
VENDOR:	Alan D. Stuart			
	P.O. Box 393			
	Lemont, PA 16851			
LOCATION:	Employee Development Center,			
COURSE CODES:	DATES:	NOMINATION DEADLINES:		
488780	30 November – 01 December 00	10 November 00		
TIME:	0800-1600			
DESCRIPTION:	This course provides an introducte underwater acoustics. Topics inconstanting; convergence zones; so bottom effects; shallow water and active sonar equation and signal prepresentation, ambiguity; reverbed other topics of interest to course provided the source of the s	lude: reflection, refraction, and bund channels; surface effects; littoral ASW considerations; processing; range -Doppler eration; target strength; and		
OBJECTIVE:	Emphasis is placed on illustrating phenomena and principles			
	through demonstrations and examples from common experience.			
	Topics are presented with a minin			
AUDIENCE:	This course is intended for anyone with a desire to learn about			
	sonar acoustics, or anyone in nee	ed of a refresher.		
NOMINATIONS:	Nominations must be submitted through use of the Initial Training Request Form, NDW-NAWCAD 12410/28. The completed form, with appropriate signatures, is given to the activity training contact/Customer Service Team. The training contact/CST forwards the request to the Workforce Relations and Development Division via the Training Information Processing System (TIPS). Contractors may attend on a space available basis.			
COST:	\$800			
METHOD OF	Vendor DOES NOT accept credit			
PAYMENT:	"R" in Block 22, under "Payment"	on the Initial Training Request		
	Form.			

COURSE TITLE:	CALCULUS REFRESHER			
VENDOR:	Alan D. Stuart			
	P.O. Box 393			
	Lemont, PA 16851			
LOCATION:	Employee Development Center,	Building #2189		
COURSE CODES:	DATES:	NOMINATION DEADLINES:		
486579	06-07 November 00	20 December 00		
486581	09-10 July 01	11 June 01		
TIME:	0800-1600			
DESCRIPTION:	This refresher course will cover the areas of analytic geometry; differential calculus; deriv atives of algebraic functions; maximum & minimum extremes; related rates problems; integration; substitution, by-parts & partial fractions techniques; and engineering applications of integration.			
OBJECTIVE:	Emphasis is placed on how to use math as a tool to set up and interpret engineering problems. Students review representative problems and discuss their results in class.			
AUDIENCE:	This course is intended for those taking technical classes, pursuing either graduate or undergraduate studies, or just desiring a refresher.			
NOMINATIONS:	Nominations must be submitted through use of the Initial Training Request Form, NDW-NAWCAD 12410/28. The completed form, with appropriate signatures, is given to the activity training contact/Customer Service Team. The training contact/CST forwards the request to the Workforce Relations and Development Division via the Training Information Processing System (TIPS). Contractors may attend on a space available basis.			
COST:	\$800			
METHOD OF	Vendor DOES NOT accept cred			
PAYMENT:	circle "R" in Block 22, under "Pa	yment" on the Initial Training		
	Request Form.			

COURSE TITLE:	CLASS DESK ORIENTATION			
VENDOR:	AIR 4.1			
	Naval Air Systems Command			
	Patuxent River, Maryland 20670			
LOCATION:	Employee Development Center	r, Building #2189		
COURSE CODE:	DATE:	NOMINATION DEADLINE:		
483619	27-30 November 00	05 October 00		
483620	26-29 March 01	26 February 01		
483621	23-26 July 01	25 June 01		
TIME:	0800-1530			
DESCRIPTION:	This course provides a description of the roles and responsibilities for personnel assigned as Assistant Program Manager for Systems Engineering (Class Desk) within a competency aligned organization, and the role of systems engineering in acquisition. Modules covering associated processes are presented including decision milestones, the POM and budget, product integrity, design reviews, software management, test and evaluation, airworthiness, grounding bulletins and red stripes, engineering investigations and hazard material reports, technical directives and bulletins, risk management, cost and earned value management, configuration management, air vehicle engineering, NAVAIR initiatives, and acquisition process overview.			
OBJECTIVE:	To provide basic skills and knowledge to enhance the performance of personnel newly assigned as assistant program manager for systems engineering (Class Desk).			
AUDIENCE:	Personnel newly assigned to class desks and supporting government and contract personnel. Other employees are welcome subject to space availability.			
PREREQUISITE:	None			
LENGTH:	3 ½ Days			
NOMINATIONS:	Nominations must be submitted through use of the Initial Training Request Form, NDW-NAWCAD 12410/28. The completed form, with appropriate signatures, is given to the activity training contact/Customer Service Team. The training contact/CST forwards the request to the Workforce Relations and Development Division via the Training Information Processing System (TIPS). Contractors may attend on a space available basis.			
COST:	None			

COURSE TITLE:	CORROSION OF AGING AIRC	RAFT		
VENDOR:	University of California, Los Ang	eles		
	Continuing Education and UCLA Extension			
	10995 Le Conte Avenue			
	Los Angeles, CA 90024-2883			
LOCATION:	Patuxent River, MD			
COURSE CODE:	DATE:	NOMINATION DEADLINE:		
488703	11-14 December 00	10 November 00		
TIME:	0800-1530			
DESCRIPTION:	This course presents both fundamental principles and practical instruction in corrosion theory and control as it applies to aircraft airframe corrosion. The subject of high-temperature corrosion of components is introduced, and the lectures emphasize corrosion events viewed from time-dependent, time-related, and time-independent mechanisms. The specific types of corrosion are noted for their severity, frequency, and cycle dependency. Time-dependent corrosion such as pitting, exfoliation, and crevice corrosion will, if not prevented or controlled, accumulate to unsafe limits. With time, corrosion can cause both internal and external airframe structures and engine components to degrade to unacceptable limits. The effects of corrosion, however, are not just time-dependent but can affect airworthiness at any age. The events of environmental embrittlement, including stress corrosion cracking, can occur			
AUDIENCE:	anytime, producing failure without warning. Engineers and technicians interested in the effects of corrosion on aircraft.			
NOMINATIONS:	Nominations must be submitted through use of the Initial Training Request Form, NDW-NAWCAD 12410/28. The completed form, with appropriate signatures, is given to the activity training contact/Customer Service Team. The training contact/CST forwards the request to the Workforce Relations and Development Division via the Training Information Processing System (TIPS). Contractors may attend on a space available basis.			
COST:	\$1700 per person			
METHOD OF	Vendor DOES NOT accept cred	it cards. EMPLOYEE must		
PAYMENT:	circle "R" in Block 22, under "Pa			
	Request Form.	-		

COURSE TITLE:	CREWSTATION ANALYSIS					
VENDOR:	United States Naval Test Pilot S	School				
LOCATION:	U.S. Naval Test Pilot School, Bu	uilding #2168				
COURSE CODE:	DATE:	NOMINATION DEADLINE:				
486871	04-08 December 00	03 November 00				
486872	18-22 June 01	18 May 01				
TIME:	0800-1600					
DESCRIPTION:	Topics include:					
	Introductory Concepts (System	ems Engineering)				
	Anthropometry					
	Static Analysis Techniques					
	Sensory Perception					
	Applications to Displays and	Controls				
	Mental Workload Measures					
	Psychomotor Work					
	Task Analysis					
	Decision-making					
	Operator Interfaces					
	Human Performance in Extreme Environments					
	Dynamic Crewstation Analysis Techniques					
	Two 3-hour practical exercises on USNTPS simulators/aircraft are					
OBJECTIVE:	incorporated to reinforce the classroom lectures. At the completion of this course, participants will have a					
OBSECTIVE.						
	fundamental understanding of basic human factors considerations in order to enable safe and effective planning, direction, and					
	execution of assessments of aircraft crewstations					
AUDIENCE:	Engineers and scientists involved in the test and evaluation of					
	aircraft crewstations.					
NOMINATIONS:	Nominations must be submitted through use of the Initial Training					
		12410/28. The completed form,				
	with appropriate signatures, is g	iven to the activity training contact.				
	The training contact forwards the	e request to the Employee				
	Development Division via the Training Information Processing					
	System (TIPS).					
COST:	\$760					
METHOD OF	Vendor DOES NOT accept credit cards. EMPLOYEE must circle					
PAYMENT:	_	t" on the Initial Training Request				
	Form.					
For more information, ple	ase contact the Short Course Dep	partment at the United States Naval				

COURSE TITLE:	DIFFERENTIAL EQUATIONS R	REFRESHER
VENDOR:	Alan D. Stuart	
	P.O. Box 393	
	Lemont, PA 16851	
LOCATION:	Employee Development Center,	
COURSE CODES:	DATES:	NOMINATION DEADLINES:
486576	08-09 November 00	12 October 00
TIME:	0800-1600	
DESCRIPTION:	This refresher course will cover	the areas of linear first &
	second order differential equation	, 0
	homogeneous equations; initial	
	systems of ordinary linear difference	
		ue; state variables formulation of
	simple systems; and engineering	
	- T	al curcuits, control systems, and
	mechanical vibrations.	
OBJECTIVE:	Emphasis is placed on how to u	
	interpret engineering problems.	
	problems and discuss their resu	
AUDIENCE:	This course is intended for those	, , , , , , , , , , , , , , , , , , ,
	pursuing either graduate or under	ergraduate studies, or just
	desiring a refresher.	
NOMINATIONS:	Nominations must be submitted	
	Training Request Form, NDW-N	
	completed form, with appropriate	
	activity training contact/Custome	
	contact/CST forwards the reque	
	and Development Division via th	
	• • • • • • • • • • • • • • • • • • • •	ntractors can attend on a space
COST	available basis.	
COST:	\$800	it couls EMDLOVEE most
METHOD OF	Vendor DOES NOT accept cred	
PAYMENT:	circle "R" in Block 22, under "Pa	yment" on the initial Training
	Request Form.	

COURSE TITLE:	DIGITAL AVIONICS SYSTEMS	
VENDOR:	University of California, Los Ang	eles
	Continuing Education and UCLA	A Extension
	10995 Le Conte Avenue	
	Los Angeles, CA 90024-2883	
LOCATION:	Patuxent River, Maryland	
COURSE CODE:	COURSE DATES:	NOMINATION DEADLINE:
491108	25-29 June 01	25 May 01
TIME:	0800-1530	
DESCRIPTION:	The course begins with avionics the context of aircraft/mission of use of top-level design tools. The system data-busses, displays, a emphasis on emerging concepts maintainability, and fault toleran avionics systems in current and gain insight into real-world practivith a detailed analysis of costs emerging avionics topics.	pjectives and standards and the ne building blocks of a vionics and power are presented with an s. The principles of reliability, ce are also discussed. Digital future aircraft are revie wed to cices. The course concludes
AUDIENCE:	Specialists who need to broader managers and technical person overview of leading-edge avioni personnel working on dual use of technologies in avionics.	nel who require a broad cs; research and development
NOMINATIONS:	Nominations must be submitted Training Request Form, NDW-N completed form, with appropriate activity training contact/Custome contact/CST forwards the reque and Development Division via the Processing System (TIPS). Cor available basis.	IAWCAD 12410/28. The estignatures, is given to the er Service Team. The training st to the Workforce Relations are Training Information
COST:	\$1635 per person	
METHOD OF PAYMENT:	Vendor DOES NOT accept cred circle "R" in Block 22, under "Pa Request Form.	

COURSE TITLE:	DIGITAL FLIGHT CONTROL S	YSTEMS
VENDOR:	The University of Kansas	
	Continuing Education	
	12600 Quivira Road	
	Overland Park, KS 66213-2402	
LOCATION:	Patuxent River, Maryland	
COURSE CODE:	DATE:	NOMINATION DEADLINE:
486586	11-15 June 01	06 April 01
TIME:	0800-1530	
DESCRIPTION:	output feedback, robustness and an introduction to additional	blementable flight control be illustrated using simulation culum includes: problem notion, sampled data control mand generator trackers, portional integral filter control, nation theory, stochastic optimal alysis, implementation issues, modern design methods.
AUDIENCE:	Aeronautical and control system	s engineers.
NOMINATIONS:	Nominations must be submitted Training Request Form, NDW-N completed form, with appropriate activity training contact/Custome contact/CST forwards the request and Development Division via the Processing System (TIPS). Cor available basis.	IAWCAD 12410/28. The e signatures, is given to the er Service Team. The training st to the Workforce Relations e Training Information
COST:	\$1350 per person	
METHOD OF	Vendor DOES NOT accept cred	
PAYMENT:	circle "R" in Block 22, under "Pa	yment" on the Initial Training
	Request Form.	

COURSE TITLE:	ELECTROMAGNETIC INTERFICOMPATABILITY (EMI/EMC)	ERENCE AND
VENDOR:	The George Washington University	
	Continuing Engineering Education 2029 K Street, N.W., Suite 600	on Program
	Washington, D.C. 20052	
LOCATION:	Patuxent River, Maryland	
COURSE CODE:	DATE:	NOMINATION DEADLINE:
488227	05-09 March 01	05 January 01
TIME:	0800-1530	00 dandary 01
DESCRIPTION:	This course presents a compreh	ensive review and the practical
	aspects of electromagnetic inter	·
	compatibility (EMI/EMC) testing	
	464, their application to the desi	
	procurement of military electron	•
	suppressing EMI including design	•
	Although some mathematical fo	
	emphasizes the practical use of	military standards. Basic
	principles are briefly reviewed at	the beginning of the course.
AUDIENCE:	Electrical engineers and technic	ians.
NOMINATIONS:	Nominations must be submitted	through use of the Initial
	Training Request Form, NDW-N	IAWCAD 12410/28. The
	completed form, with appropriate	
	activity training contact/Custome	
	contact/CST forwards the reque	
	and Development Division via th	•
	Processing System (TIPS). Cor	ntractors may attend on a space
	available basis.	
COST:	\$1395 per person	
METHOD OF	Vendor DOES NOT accept cred	
PAYMENT:	circle "R" in Block 22, under "Pa	yment" on the Initial Training
	Request Form.	

COURSE TITLE:	FLIGHT TEST PRINCIPLES AN	ID PRACTICES
VENDOR:	The University of Kansas Continuing Education	
	12600 Quivira Road	
LOCATION	Overland Park, KS 66213-2402	
LOCATION:	Patuxent River, Maryland	NOMINATION DE ADI INE.
COURSE CODE:	DATE:	NOMINATION DEADLINE:
486585	05-09 March 01	05 January 01
TIME:	0800-1530	
DESCRIPTION:	This course is an introduction to and practices. Course topics in preflight tests, time-space positi speed calibration, aircraft perfor principles, propulsion system temperformance tests, stall testing, noise, structural load tests, specsystems and tests.	clude: Basic concepts and oning, mass properties, air mance and propulsion sting, level flight cruise static stability and control,
AUDIENCE:	Engineers and technicians.	
NOMINATIONS:	Nominations must be submitted Training Request Form, NDW-N completed form, with appropriate activity training contact/Custome contact/CST forwards the reque and Development Division via the Processing System (TIPS). Con available basis.	NAWCAD 12410/28. The e signatures, is given to the er Service Team. The training st to the Workforce Relations
COST:	\$1425 per person	
METHOD OF PAYMENT:	Vendor DOES NOT accept cred circle "R" in Block 22, under "Pa Request Form.	

COURSE TITLE:	INFRARED IMAGING SYSTEM	S: AN INTRODUCTION
VENDOR:	The George Washington University	sity
	Continuing Engineering Education	on Program
	2029 K Street, N.W., Suite 600	
	Washington, D.C. 20052	
LOCATION:	Patuxent River, Maryland	
COURSE CODE:	DATE:	NOMINATION DEADLINE:
488226	26-27 February 01	22 December 00
TIME:	0800-1530	
DESCRIPTION:	the-art systems, are presented.	mathematics, linear shift Infrared systems components spherics, optics, detectors, re reviewed. System-level esolution and sensitivity ly, design, with emphasis on
AUDIENCE:	Engineers and scientists.	
NOMINATIONS:	Nominations must be submitted Training Request Form, NDW-N completed form, with appropriate activity training contact/Custome contact/CST forwards the request and Development Division via the Processing System (TIPS). Cor available basis.	IAWCAD 12410/28. The estignatures, is given to the er Service Team. The training st to the Workforce Relations to Training Inform ation
COST:	\$890 per person	
METHOD OF	Vendor DOES NOT accept cred	
PAYMENT:	circle "R" in Block 22, under "Pa	yment" on the Initial Training
	Request Form.	

COURSE TITLE:	INTELLECTUAL PROPERTY TRANSFER	AND TECHNOLOGY
VENDOR:	Office of Counsel and Office of	f Research and Technology
	Applications	
	Naval Air Warfare Center Airc	raft Division
	Patuxent River, MD 20670	
LOCATION:	Patuxent River, Maryland	
COURSE CODE:	DATE:	NOMINATION DEADLINE:
487926	12 October 00	14 September 00
487927	01 February 01	04 January 01
487928	03 May 01	05 April 01
487929	02 August 02	05 July 01
TIME:	0900-1200	
DESCRIPTION:	the process in which technology place or for one purpose is applace for some other purpose. Defense, this process often responsibilities in protection of	Within the Department of fers to transfers occurring and any nonfederal organization, demia, and state and local etween federal agencies. pecific mechanisms used for ssues associated with each, how be an invention that could be tellectual property must be one acquainted with the ce of Research and Technology with the Office of Counsel and its intellectual property.
OBJECTIVE:	At the completion of the cours	e, participants will understand:
	 ?? Inventions and patents. ?? Methods to accomplish ted ?? Patent Licensing. ?? Cooperative research and ?? Commercial service agree ?? Memorandum of agreemer ?? Command processes and 	development agreement. ment. nt.

COURSE TITLE:	INTRODUCTION TO AIRPLANE FLY	ING QUALITIES
VENDOR:	United States Naval Test Pilot School	
LOCATION:	United States Naval Test Pilot School	
COURSE CODE:	DATE:	NOMINATION DEADLINE:
487243	27 November-08 December 00	20 November 00
487244	09-20 April 01	09 March 00
TIME:	Classes will be held in the morning Flights and labs will be scheduled thro course enrollment	oughout the day as required by
DESCRIPTION:	Week One: Aerodynamics Summary Longitudinal Statics Non-Maneuvering Flight Characteristic Maneuvering Flight Characteristic s Flight Controls Aerodynamic Non-linearity Lateral Directional Statics Simulation Exercises 1 Static longitudinal, non-maneuver Static lateral-directional Longitudinal Dynamics Longitudinal Dynamic Modes Longitudinal Transfer Modes Lateral-Directional Dynamic Modes Lateral-Directional Transfer Functions Week Two: Longitudinal Handling Qualities/Testin Lateral-directional Handling Qualities/ Simulation Exercises 2 Longitudinal dynamic modes Lateral-directional dynamic modes Lateral-directional dynamic modes Lateral-directional dynamic modes Pilot Handling Qualities Evaluation Pro Military Specificiations and Standards Advanced Flight Control Systems	ing and maneuvering g Testing s occess
AUDIENCE:	This course includes two demonstration Engineers and scientists involved in the	3
NOMINATIONS:	control systems. Nominations must be submitted through Request Form, NDW-NAWCAD 1241	-

COURSE TITLE:	INTRODUCTION TO FLIGHT T	EST
VENDOR:	United States Test Pilot School	
LOCATION:	United States Test Pilot School	
COURSE CODE:	DATE:	NOMINATION DEADLINE:
487245	05-16 March 01	05 February 01
487246	10-21 September 01	10 August 01
TIME:	0800-1530	
DESCRIPTION:	Topics to be covered during the	course include:
	?? The Acquisition Process	
	?? The Test Planning Process	
	?? Report Writing	
	The Research and Evaluation	on Paragraph
	Types of Reports	
	?? The DT-OT Transition Repor	t
	?? Flight Clearances	
	?? Data Collection and Instrume	
	?? Airborne Systems Basics and	=
	?? Introduction to Fixed and Rot	, ,
	?? Test Planning an Inertial Nav	rigation System Evaluation
	Flight Briefing	
	Test Design Data Collection	
	Safety and Technical Review	214/
	?? Flying the Test	5 VV
	?? Analysis of Results	
	?? Data Presentation	
	?? Naval Air Systems Command	d Ranges and Facilities
	:: Navai Ali Systems Commani	a realiges and racilities
	This course includes a navigation	n evaluation flight in the USNTPS
	Airborne Systems Test and Res	
		ng the first week of the course. For
		rning this process, please contact the
	USNTPS Short Course Staff at t	he number below.
AUDIENCE:		ourse is personnel involved in rotary-
		t testing. This course is intended to
	1.	er with the information necessary to
NOMBLATIONS	plan, brief, conduct, debrief and	· · · · · · · · · · · · · · · · · · ·
NOMINATIONS:		through use of the Initial Training
		12410/28. The completed form, with

COURSE TITLE:	LINEAR ALGEBRA REFRESH	ER
VENDOR:	Alan D. Stuart	
	P.O. Box 393	
	Lemont, PA 16851	
LOCATION:	Employee Development Center,	
COURSE CODES:	DATES:	NOMINATION DEADLINES:
488782	06-07 June 01	04 May 01
TIME:	0800-1600	
DESCRIPTION:	This course provides a basic int	roductory overview of li near
	algebra and matrix analysis tech	
	Basic concepts are developed a	
	and geometrical interpretations.	•
	basic vector and matrix algebra;	•
	linear transforms; eigen-value a	•
	inverse matrix and determinants	
	include: engineering mechanics	· ·
	circuits; state variables and cont	
	linear programming and numeric	
OBJECTIVE:	Emphasis is placed on how to u	•
	interpret engineering problems.	Students review problems and
	discuss their results in class.	
AUDIENCE:	This course is intended for those	· · · · · · · · · · · · · · · · · · ·
	pursuing graduate or undergrad	uate studies, or desiring a
1014014=10110	review or introductory overview.	
NOMINATIONS:	Nominations must be submitted	
	Training Request Form, NDW-N	
	completed form, with appropriate	
	activity training contact/Custome	
	contact/CST forwards the reque	
	and Development Division via the Processing System (TIPS). Cor	
	available basis.	illactors may attend on a space
COST:	\$800	
METHOD OF	Vendor DOES NOT accept cred	it cards EMPLOVEE must
PAYMENT:	circle "R" in Block 22, under "Pa	
AIWENI.	Request Form.	yment on the mittal mailing
	rtoquest i oiiii.	

COURSE TITLE:	MATHEMATICA TUTORIAL PA	RT 1
VENDOR:	Alan D. Stuart	
	P.O. Box 393	
	Lemont, PA 16851	
LOCATION:	Employee Development Center,	O .
COURSE CODES:	DATES:	NOMINATION DEADLINES:
488781	03-04 January 01	01 December 00
TIME:	0800-1600	
DESCRIPTION:	This course provides an overvier concepts and techniques for enginclude: conducting simple numbers algebraic formulae and symbolic (arrays) and producing graphics valuable insights on coding and experience as well as provide tip and assistance.	gineers and scientists. Topics erical calculations; performing solving equations; examining computations; creating lists. The instructors will share "lessons learned" from personal
OBJECTIVE:	For participants to become communication Mathematica notebooks.	fortable using basic
AUDIENCE:	This course is intended for engir would like to use, Mathematica.	neers and scientist who use, or
NOMINATIONS:	Nominations must be submitted Training Request Form, NDW-N completed form, with appropriate activity training contact/Custome contact/CST forwards the reque and Development Division via the Processing System (TIPS). Cor available basis.	IAWCAD 12410/28. The e signatures, is given to the er Service Team. The training st to the Workforce Relations are Training Information
COST:	\$800	
METHOD OF PAYMENT:	Vendor DOES NOT accept cred circle "R" in Block 22, under "Pa Request Form.	

VENDOR: Alan D. Stuart P.O. Box 393 Lemont, PA 16851 LOCATION: Employee Development Center, Building #2189 COURSE CODES: 488978 O1-02 March 01 TIME: O800-1600 DESCRIPTION: This course builds on the material presented in Mathematica Part 1. Topics include: formation of Methematica expressions and functions; differentiation and integration; procedural programming; input and output formats. Participants will develop and program Mathematica functions for use in engineering applications identified in the Mathematica Part 1 course. OBJECTIVE: For participants to become comfortable using Mathematica to solve, graph, and analyze basic problems. AUDIENCE: This course is intended for engineers and scientist who use, or would like to use Mathematics and either have a stranger.
Lemont, PA 16851 LOCATION: Employee Development Center, Building #2189 COURSE CODES: DATES: NOMINATION DEADLINES: 488978 01-02 March 01 02 February 01 TIME: 0800-1600 DESCRIPTION: This course builds on the material presented in Mathematica Part 1. Topics include: formation of Methematica expressions and functions; differentiation and integration; procedural programming; input and output formats. Participants will develop and program Mathematica functions for use in engineering applications identified in the Mathematica Part 1 course. OBJECTIVE: For participants to become comfortable using Mathematica to solve, graph, and analyze basic problems. AUDIENCE: This course is intended for engineers and scientist who use, or
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solve, graph, and analyze basic problems. AUDIENCE: This course is intended for engineers and scientist who use, or
AUDIENCE: This course is intended for engineers and scientist who use, or
would like to use, Mathematica and either have a strong
familiarity with Mathematica or have completed Part 1.
NOMINATIONS: Nominations must be submitted through use of the Initial
Training Request Form, NDW-NAWCAD 12410/28. The
completed form, with appropriate signatures, is given to the activity training contact/Customer Service Team. The training
contact/CST forwards the request to the Workforce Relations
and Development Division via the Training Information
Processing System (TIPS). Contractors may attend on a space
available basis.
COST: \$800
METHOD OF Vendor DOES NOT accept credit cards. EMPLOYEE must
PAYMENT: circle "R" in Block 22, under "Payment" on the Initial Training
Request Form.

COURSE TITLE:	MATLAB FUNDAMENTALS		
VENDOR:	Mathworks		
	3 Apple Hill Drive		
	Natick, MA 01760-2098		
LOCATION:	Employee Development Center, Building #2189		
COURSE CODE:	DATE:	NOMINATION DEADLINE:	
487655	29-30 January 01	22 December 00	
487656	30-31 July 01	29 June 01	
TIME:	8:00 a.m4:00 p.m.		
DESCRIPTION:	A two-day, hands-on course des	•	
	comprehensive understanding of MATLAB as a programming		
	language. The course covers working with matrices, data		
	manipulation, graphical visualization, and programming.		
	Additional course topics include file I/O, advanced data types,		
	and Handle Graphics.		
PREREQUISITES:	Experience with basic computer operations and familiarity with		
	linear algebra.		
AUDIENCE:	Beginner through intermediate MATLAB users.		
NOMINATIONS:	Nominations must be submitted through use of the Initial		
	Training Request Form, NDW-NAWCAD 12410/28. The		
	completed form, with appropriate signatures, is given to the		
	activity training contact. The training contact forwards the		
	request to the Workforce Relations and Development Division		
	via the Training Information Processing System (TIPS).		
	Contractors may attend on a spa	ace available basis.	
COST:	\$1000		
METHOD OF	Vendor accepts GCPC (Governmentwide Commercial		
PAYMENT:	Purchase Card). EMPLOYEE must circle "V" in Block 22, under		
	"Payment" on the Initial Training	Request Form.	

COURSE TITLE:	MIL-STD-1553-MULTIPLEX BUS	
VENDOR:	Test Systems, Inc.	
	217 W Palmaire	
	Phoenix, AZ 85021	
LOCATION:	Employee Development Center, Building #2189	
COURSE CODE:	DATE:	NOMINATION DEADLINE:
486663	14-16 November 00	15 October 00
486664	01-03 May 01	02 April 01
TIME:	8:00 a.m4:00 p.m.	
DESCRIPTION:	The MIL-STD-1553 data bus is presently used in many advanced military programs and is also used to update systems	
	in older programs. The applications are expanding rapidly	
	requiring more trained engineers to deal with the technology.	
	, ,	norough discussion of MIL-STD-
	1553 theory, application and testing. Two lab sessions illustrate	
	the material being taught by providing students with "hands on'	
	experience in identifying 1553 communication and trouble	
	shooting remote terminal problems. Both experienced 1553	
	personnel and novices will find the seminar profitable.	
OBJECTIVE:	By the end of the course, each participant will be able to:	
	?? State the definition of basic 1553 terms, data bus operation,	
	date encoding, word sync, word forms, message formats,	
	intermessage gap and response time.	
	?? Understand MIL-STD-1553 Protocol including: Command.	
	Word, Mode Codes, Mode Command Formats, Data	
	Word Status Word, and Message Error Bit.	
	?? Describe MIL-STD-1553 Hardware Characteristics.	
	?? Describe System and Software Designs associated with MIL-STD-1553 data buses.	
	?? Understand the philosophy of testing and phases of testing.	
	?? State test requirements and	0 1
AUDIENCE:	Engineers, Technicians, System Designers and Managers who	
	may be required to specify, design or test of systems employing	
	the standard. Those attending should have a general	
	knowledge of how digital busses	work.
NOMINATIONS:	Nominations must be submitted	•
	Training Request Form, NDW-NAWCAD 12410/28. The	
	completed form, with appropriate	
	activity training contact/Custome	
l	contact/CST forwards the reque	st to the Workforce Relations

COURSE TITLE:	MIL-STD 1773		
VENDOR:	Test Systems, Inc.		
	217 W. Palmaire		
	Phoenix, AZ 85021		
LOCATION:	Pax River	Pax River	
COURSE CODE:	DATE:	NOMINATION DEADLINE:	
486898	17 November 00	19 October 00	
486899	04 May 01	06 April 01	
TIME:	0800-1530		
DESCRIPTION:	This course includes:		
	?? Introduction to MIL-STD 1773		
	Overview and history		
	?? Media Components:		
	Brief description of components,		
	Relevant properties and features, and		
	Performance criteria		
	?? Media Design:		
	Topology choices,		
	Hybrid Systems,		
	Receiver and transmitter design, and		
	Active components		
	?? System Testing & Diagnostics		
	Measurement methods		
	?? Media Installation Considerations		
	Cable assembly & installation considerations		
	?? Radiation Effects		
	?? 1773 ENHANCEMENTS		
AUDIENOE	Multiple speed data rate transmission		
AUDIENCE:	Engineers, technicians, system designers and managers who		
	may be required to specify, design or test systems employing		
NOMINATIONS:	the standard.		
NOWINATIONS.	Nominations must be submitted through use of the Initial		
	Training Request Form, NDW-NAWCAD 12410/28. The		
	completed form, with appropriate signatures, is given to the activity training contact/Customer Service Team. The training		
	contact/CST forwards the request to the Workforce Relations		
	and Development Division via the Training Information		
	Processing System (TIPS). Contractors should contact the		
	vendor directly to obtain a seat.		
COST:	\$150 per person		

COURSE TITLE:	PARTIAL DIFFERENTIAL EQUATIONS REFRESHER	
VENDOR:	Alan D. Stuart	
	P.O. Box 393	
	Lemont, PA 16851	
LOCATION:	Patuxent River, Building #1489	
COURSE CODES:	DATES: NOMINATION DEADLINES:	
486571	06-07 December 00	13 October 00
TIME:	0800-1600	
DESCRIPTION:	This refresher course will cover the areas of ordinary differential	
	equations; boundary value probl	
	orthogonal series; separation of	. •
	expansions; vector analysis and	·
	transform techniques; and engineering applications including	
	structural vibrations, model analysis, heat transfer; fluids	
	dynamics; sound waves, and wave guides.	
OBJECTIVE:	Emphasis is placed on how to use math as a tool to set up and	
	interpret engineering problems. Students review representative	
	problems and discuss their results in class.	
AUDIENCE:	This course is intended for those taking technical classes,	
	pursuing either graduate or undergraduate studies, or just	
NOMBLATIONS	desiring a refresher.	
NOMINATIONS:	Nominations must be submitted through use of the Initial	
	Training Request Form, NDW-NAWCAD 12410/28. The	
	completed form, with appropriate signatures, is given to the	
	activity training contact/Customer Service Team. The training contact/CST forwards the request to the Workforce Relations	
	and Development Division via the Training Information Processing System (TIPS). Contractors may attend on a space	
	available basis.	illactors may attend on a space
COST:	\$800	
METHOD OF	Vendor DOES NOT accept credit cards. EMPLOYEE must	
PAYMENT:	circle "R" in Block 22, under "Payment" on the Initial Training	
I AIMENI.	Request Form.	yment on the miliar framing
	Nequest Form.	

COURSE TITLE:	SIMULINK	
VENDOR:	Mathworks, Inc.	
	3 Apple Hill Drive	
	Natick, MA 01760	
LOCATION:	Patuxent River, Maryland	
COURSE CODE:	DATE: NOMINATION DEADLINE:	
487657	31 January–01 February 01	21 December 00
487658	01-02 August 01	29 June 01
TIME:	0800-1530	
DESCRIPTION:	Simulink is a two-day, hands-on course that covers the basics of working with Simulink, an interactive, graphical environment used to model and simulate dynamic systems. The course covers all aspects of system modeling with Simulink, from creating a model and simulating the system to analyzing results. The final section discusses refining the models you have created by adding functionality with S-functions, masking blocks, and creating graphical user interfaces for interaction with your system. Related products that assist in DSP and communication system design, control system design, and rapid prototyping methods are also discussed.	
AUDIENCE:	Anyone with MATLAB basic skills who requires or desires use of Simulink.	
NOMINATIONS:	Nominations must be submitted through use of the Initial Training Request Form, NDW-NAWCAD 12410/28. The completed form, with appropriate signatures, is given to the activity training contact/Customer Service Team. The training contact/CST forwards the request to the Workforce Relations and Development Division via the Training Information Processing System (TIPS). Contractor may attend on a space available basis.	
COST:	\$1000 per person	
METHOD OF	Vendor accepts GCPC (Governmentwide Commercial	
PAYMENT:	Purchase Card). EMPLOYEE must circle "V" in Block 22, under	
	"Payment" on the Initial Training	Request Form.

COURSE TITLE:	STATISTICS AND PROBABILITY REFRESHER		
VENDOR:	Alan D. Stuart		
		P.O. Box 393	
	· · · · · · · · · · · · · · · · · · ·	Lemont, PA 16851	
LOCATION:	Patuxent River, Building #1489		
COURSE CODE:	DATE: NOMINATION DEADLINE:		
486574	04-05 December 00	06 November 00	
486575	11-12 July 01	11 June 01	
TIME:	0800-1600		
DESCRIPTION:	This refresher course will cover		
	probability distributions; means,		
	deviations; discrete and continue		
	binomial, normal, exponential, w		
	techniques and sample size; curve fitting of data, goodness -of-		
	fit; regression and correlation analysis; and engineering		
	applications including tolerances, reliability, signal processing,		
OD JEOTIVE	and design experiments.		
OBJECTIVE:	Emphasis is placed on how to use math as a tool to set up and		
	interpret engineering problems. Students review representative		
AUDIENCE:	problems and discuss their results in class. This course is intended for those taking technical classes,		
AUDIENCE.	pursuing either graduate or undergraduate studies, or just		
	desiring a refresher.		
NOMINATIONS:	Nominations must be submitted through use of the Initial		
Nominations:	Training Request Form, NDW-NAWCAD 12410/28. The		
	completed form, with appropriate signatures, is given to the		
	activity training contact/Customer Service Team. The training		
	contact/CST forwards the reque		
	and Development Division via the		
	Processing System (TIPS). Con		
	available basis.		
COST:	\$800		
METHOD OF	Vendor DOES NOT accept credit cards. EMPLOYEE must		
PAYMENT:	circle "R" in Block 22, under "Payment" on the Initial Training		
	Request Form.		

COURSE TITLE:	VIBRATION SPECTRUM ANALYSIS	
	with special emphasis on helicopters, gas turbines and gear	
	boxes	
VENDOR:	Goldman Machinery Dynamics (Corporation
	6 Mallard Drive	
	West Nyack, NY 10994	
LOCATION:	Employee Development Center,	<u> </u>
COURSE CODE:	DATE:	NOMINATION DEADLINE:
487221	29 January 01-01 February 01	22 December 00
487223	25-28 June 01	25 May 01
TIME:	8:00 a.m3:30 p.m.	
DESCRIPTION:		rts with the basics and proceeds
	through the advanced analysis t	
	meaningful analysis of vibration	
	wing aircraft or turbine engines. Hands -on demonstrations are	
	used to reinforce topics discussed in formal lectures. Hands-on	
	demonstration topics include averaging, order tracking,	
	synchronous time averaging, signal identification, integration,	
	zoom, transient capture, transfer	
	function/impulse response, correlation and probability functions.	
OBJECTIVE:	The major goal of this seminar is to train the participant in	
	problem solving techniques particular to the area of vibration	
AUDIENOE	analysis.	
AUDIENCE:	Engineers and Technicians resp	
	operation/reliability of rotating equipment and the need to	
NOMINATIONS	perform FFT based spectrum analysis.	
NOMINATIONS:	Nominations must be submitted through use of the Initial	
	Training Request Form, NDW-NAWCAD 12410/28. The	
	completed form, with appropriate signatures, is given to the	
	activity training contact/Customer Service Team. The training	
	contact/CST forwards the request to the Workforce Relations and Development Division via the Training Information	
	•	ntractors may attend on a space
	available basis.	milaciors may attend on a space
COST:	\$1400 per person (based on 6 participants)	
METHOD OF	Vendor DOES NOT accept credit cards. EMPLOYEE must	
PAYMENT:	circle "R" in Block 22, under "Payment" on the Initial Training	
	Request Form.	
	Request Fulli.	

COURSE TITLE:	WEIBULL / LOG NORMAL ANALYSIS WORKSHOP	
VENDOR:	Dr. Robert Abernethy	
	536 Oyster Road, North Palm Beach, FL 33408-4328	
LOCATION:	Employee Development Center, Building #2189	
COURSE CODE:	DATE:	NOMINATION DEADLINE:
488139	30 April 01-03 May 01	23 March 01
TIME:	0800-1600	
DESCRIPTION:	This course covers basic Weibull analysis, intensive treatment of The New Weibull Handbook, the four SuperSMITH including hands-on computer tutorial, plus an understanding of system simulation for building system models for reliability, maintainability, safety, spare parts, logistics analysis and warranty-guarantee costs.	
OBJECTIVE:	Upon completion of this course students will be able to : ?? Solve problems using WinSMITH (Windows) or WeibullSMITH (DOS), VISUALSMITH, BiWiebullSMITH & MonteCarloSMITH	
AUDIENCE:	This four-day intensive instructional and hands-on workshop is intended for engineers involved with engine test, evaluation and analysis	
NOMINATIONS:	Nominations must be submitted through use of the Initial Training Request Form, NDW-NAWCAD 12410/28. The completed form, with appropriate signatures, is given to the activity training contact/Customer Service Team. The training contact/CST forwards the request to the Workforce Relations and Development Division via the Training Information Processing System (TIPS). Contractors may attend on a space available basis.	
COST:	\$1100	
METHOD OF PAYMENT:	Vendor DOES NOT accept cred circle "R" in Block 22, under "Pa Request Form.	